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THIRD ANGLE PROPOSED DRAFT 2004-03

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AEROSPACE STANDARD

TERMINAL JUNCTION SYSTEM, RACK ASSEMBLY, TRACK, FEEDBACK TYPE, SERIES II **AS81714/67** SHEET 1 OF 4

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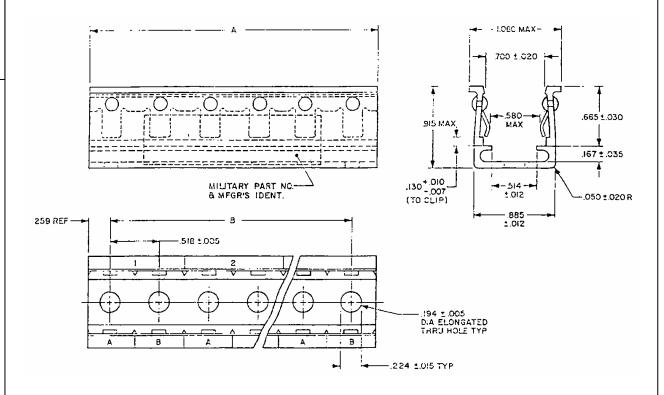
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THE COMPLETE REQUIREMENTS FOR ACQUIRING THE RAIL DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF SPECIFICATION MIL-T-81714.



MIL-T-81714/67, DATED 2 MARCH 1988, IS INACTIVE FOR NEW DESIGN AND IS NO LONGER USED, EXCEPT FOR REPLACEMENT PURPOSES.



	QUANTITY OF			
PART NUMBER	BLOCKS PER RACK 1/	$A \pm .015$	B ± .015	
M81714/67-02	2	1.036	.518	
M81714/67-03	3	1.554	1.036	
M81714/67-04	4	2.072	1.554	
M81714/67-05	5	2.590	1.072	
M81714/67-06	6	3.108	2.590	
M81714/67-07	7	3.626	3.108	
M81714/67-08	8	4.144	3.626	
M81714/67-09	9	4.662	4.144	
M81714/67-10	10	5.180	4.662	
M81714/67-12	12	6.216	5.698	
M81714/67-13	13	6.734	6.216	
M81714/67-14	14	7.252	6.734	
M81714/67-15	15	7.770	7.252	
M81714/67-16	16	8.288	7.770	
M81714/67-18	18	9.324	8.806	
M81714/67-19	19	9.842	9.324	
M81714/67-20	20	10.360	9.842	
M81714/67-21	21	10.878	10.360	
M81714/67-25	25	12.950	12.432	
M81714/67-30	30	15.540	15.022	
M81714/67-32	32	16.576	16.058	
M81714/67-40	40	20.720	20.202	

1/ NUMBER OF BLOCKS APPLIED TO THE 22, 20 AND 16 SIZES. THE NUMBER OF SIZE 12 BLOCKS IS THE NUMBER SHOWN DIVISIBLE BY 2.

INCH	MM	INCH	MM	INCH	MM	INCH	MM
.005	0.12	.194	4.92	4.662	118.41	10.360	263.14
.007	0.17	.224	5.68	5.180	131.57	10.878	276.30
.010	0.25	.514	13.05	5.698	144.73	12.432	315.77
.012	0.30	.518	13.16	6.216	157.89	12.950	328.93
.015	0.38	1.036	26.31	6.734	171.04	15.022	381.56
.020	0.50	1.554	39.47	7.252	184.20	15.540	394.72
.030	0.76	2.072	52.63	7.770	197.36	16.058	407.87
.035	0.88	2.590	65.79	8.288	210.52	16.576	421.03
.050	1.27	3.108	78.94	8.806	223.67	20.202	513.13
.130	3.30	3.626	92.10	9.324	236.83	20.720	526.29
.167	4.24	4.144	105.26	9.824	249.99		

REQUIREMENTS:

1. MATERIAL:

RACK - ALUMINUM ALLOY, 6061-T4. CLIP AND RIVET - CORROSION-RESISTANT STEEL IN ACCORDANCE WITH QQ-S-766.

2. FINISH:

BLACK ANODIZE IN ACCORDANCE WITH MIL-A-8625.

3. RACK MAINTENANCE AGING. THE APPLICABLE BLOCK SHALL BE INSTALLED AND REMOVED FROM THE SAME POSITION IN THE RACK FOR 100 CYCLES. REMOVAL SHALL BE ACCOMPLISHED BY USE OF THE M81714/69 TOOL. ANY DAMAGE TO THE BLOCK OR RACK, SUCH AS BROKEN CLIPS, SHALL BE CAUSE FOR REJECTION. THIS TEST SHALL BE PERFORMED PRIOR TO SALT SPRAY TESTING.

NOTES:

- 1. DIMENSIONS ARE IN INCHES.
- 2. METRIC EQUIVALENTS (TO THE NEAREST .01 MM) ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1 INCH = 25.4 MM.
- 3. FOR APPLICABLE BLOCKS SEE M81714/60, M81714/61 AND M81714/62. FOR APPLICABLE BLOCK REMOVAL TOOLS SEE M81714/69. BLOCKS AND TOOLS ARE NOT PART OF THIS RACK ASSEMBLY AND SHALL BE ORDERED SEPARATELY.
- 4. THE PART NUMBER CONSISTS OF THE LETTER M, SPECIFICATION SHEET NUMBER, AND DASH NUMBER (SEE TABLE 1).

